

COURSE DESCRIPTION:

Overhead cranes are found everywhere in modern industry and construction. They are so common that they almost fall into the background of daily workplace activity and this can lead to complacency by everyone involved. Yet every year serious accidents occur while working around or directly operating cranes than any other tool used. This course will look at some of the basics of good overhead crane operation, maintenance and management principles.

REGULATORY REFERENCE:

29 CFR 1910.179

COURSE OUTLINE:

1. Introduction
2. Types of Overhead Cranes
3. Causes of Crane-related Injuries
4. Crane Related Incident Facts
5. Industry Consensus Standards
6. Crane Operations
7. Overhead Crane Operations and Responsibilities
8. Crane Owners
9. Site Supervision
10. Operators
11. Getting to Know the Overhead Crane
12. Lifting and Moving
13. Basics of Rigging
14. Communication and Signaling
15. Active Lift Control
16. Controlling Crane Hazards
17. Electrical Hazards
18. Caught In, Compression or Crushing
19. Environmental Hazards
20. Periodic Inspections
21. Requirements
22. Inspection Types
23. Records
24. Requirements and Training
25. Summary

APPROXIMATE DURATION:

25 Minutes

